

# **ATTACHMENT**

## **BOILER INSPECTION REPORTS AF1222**

**ANNISTON ARMY DEPOT VISIT NO. 1  
NOVEMBER 23-26, 2003**

**January 5, 2003**

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION		
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE		
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg. 19
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.	
11-24-03	8/8/02			
10. OBJECT			11. PLANT	
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED	
0	55	1999	1999	
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE		
NAT. GAS	oil	250 psi		
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER	
BURNHAM	781116/HR	25322	#1	
19. USE				
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED	
AUTO BURNER	150		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST		
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: UNK PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

LUCO failed to put the boiler into lockout

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-1/4	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 8472	34. CONDITION AND HOW TESTED Test SAT - by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LUCO & FLAME SENSOR test SAT		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☒ No (Explain)

## INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

## REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary)

The secondary LWCO should be repaired and tested. This device must put the boiler into lockout following a low water condition.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

25 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

## ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Buxton C, HD W510

49. SIGNATURE OF OFFICER IN CHARGE

Thomas Buxton

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		<b>1. TYPE OF INSPECTION</b> Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE				
2. INSTALLATION <i>ANNISTON ARMY DEPOT</i>		2A. CITY <i>ANNISTON</i>		3. STATE <i>AL</i>	4. ZIP CODE <i>36201</i>	5. PLANT OR BLDG. <i>Bldg. 19</i>
6. DATE OF INSPECTION <i>11/24/03</i>		7. DATE OF LAST INSPECTION <i>8/8/02</i>		8. DELIVERY ORDER NO.		9. CONTRACT NO.
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel				11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>0</i>		11B. PRESSURE THIS INSPECTION <i>60</i>		12A. YEAR BUILT <i>1999</i>		12B. YEAR INSTALLED <i>1999</i>
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>		13B. SECONDARY FUEL (Boiler) <i>oil</i>		14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>		
15. MANUFACTURER <i>BURNHAM</i>		16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>78116/hr</i>		17. NATIONAL BOARD NUMBER <i>25321</i>		18. USAF NUMBER <i>#2</i>
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)						
20. METHOD OF FIRING (Boilers) <i>Auto Burner</i>		21. SAFETY/RELIEF VALVES SETTING <i>150</i>		22. EXPLAIN IF PRESSURE CHANGED —		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: <i>N/A</i> PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		
<b>STATEMENT OF BASE CIVIL ENGINEER</b>						
27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)						

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*BOTH SAFETY VALVE FROZEN SHUT*

*LWCO failed to put the boiler into lockout*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*SAT*

<b>INSPECTION OF SAFETY DEVICE</b>			
31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>2-1 1/4"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>8,472</i>	34. CONDITION AND HOW TESTED <i>UNSAT - by hand</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>Clean &amp; Clear</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR test SAT</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

## INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

## REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

BOTH SAFETY VALVES MUST BE REPLACED WITH ASME APPROVED VALVES  
OF THE SAME SIZE AND CAPACITY.

THE SECONDARY LWCO SHOULD BE REPAIRED AND TESTED. THIS  
DEVICE MUST PUT THE BOILER INTO LOCKOUT FOLLOWING A LOW WATER  
CONDITION.

45. TYPE OR PRINT NAME OF INSPECTOR

FRED LAWRENCE

45A. SIGNATURE OF INSPECTOR

45B. DATE OF SIGNATURE

25 NOV. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

## ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Burton C, HD W510

49. SIGNATURE OF OFFICER IN CHARGE

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		<b>1. TYPE OF INSPECTION</b> Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE				
2. INSTALLATION <i>ANNISTON ARMY DEPOT</i>		2A. CITY <i>ANNISTON</i>		3. STATE <i>AL</i>	4. ZIP CODE <i>36201</i>	5. PLANT OR BLDG. <i>Bldg. 87</i>
6. DATE OF INSPECTION <i>11/24/03</i>		7. DATE OF LAST INSPECTION <i>8/8/02</i>		8. DELIVERY ORDER NO.		9. CONTRACT NO.
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel				11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>0</i>		11B. PRESSURE THIS INSPECTION <i>60</i>		12A. YEAR BUILT <i>1996</i>		12B. YEAR INSTALLED <i>1996</i>
13A. PRIMARY FUEL (Boiler) <i>NAT. GAS</i>		13B. SECONDARY FUEL (Boiler) <i>oil</i>		14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>		
15. MANUFACTURER <i>HURST</i>		16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>863 16/hr</i>		17. NATIONAL BOARD NUMBER <i>3322</i>		18. USAF NUMBER <i>#1</i>
19. USE <input type="checkbox"/> Power <input type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)						
20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>		21. SAFETY/RELIEF VALVES SETTING <i>150</i>		22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: <i>N/A</i> PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		
<b>STATEMENT OF BASE CIVIL ENGINEER</b>						
27. REPAIRS MADE SINCE LAST INSPECTION <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (Specify)						

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
*TYPE "C" INSPECTION*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
*blow down valve deteriorated and leaking*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES  
*SAT*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1"</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>2563</i>	34. CONDITION AND HOW TESTED <i>TEST SAT by hand</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR TEST SAT</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The 1" blowdown valve should be replaced

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

25 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

HB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Bertone C, HPD WS10

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Bertone*

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg. 362	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	90	1998	1998		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	0:1	150			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU /LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
BURNHAM	10,350 16/HR	25347	#1		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
Auto BURNER	150	—		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST			
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:			

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
 TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

LWCO failed to put the boiler into LOCKOUT

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

INSPECTION OF SAFETY DEVICE			
31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-1 1/2"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 11,220	34. CONDITION AND HOW TESTED Test SAT - by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO & FLAME SENSOR test SAT.		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)



# INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

## REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The secondary LUXO should be repaired and tested. This device must put the boiler into lockout following a low water condition

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

25 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

## ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Burton C, HD W510

49. SIGNATURE OF OFFICER IN CHARGE

Thomas Burton

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg. 362	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	50	1998	1998		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	oil	150			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
BURNHAM	10,350	25346	#2		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
AUTO BURNER	150			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST		25. LAST HYDROSTATIC TEST		26. HYDROSTATIC TEST	
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		Date: UNK PSI:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

LOW WATER FUEL CUTOUT FAILED TO PUT THE BOILER INTO LOCKOUT

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-1 1/2"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 11,220	34. CONDITION AND HOW TESTED TEST SAT BY HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO & FLAME SENSOR TEST SAT.		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The secondary Luxo should be repaired and tested. This device must put the boiler into lockout following a low water condition.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*25 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Burton C, HD W510*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Burton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg 381	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	55	1996	1996		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	oil	150			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
HURST	17,250 16/hr	3518	#1		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
AUTO BURNER	150			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST			
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: UNK PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:		PSI:	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
Type "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

LWCO failed to put the boiler into lockout

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-1/2, 1-2"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 24,000	34. CONDITION AND HOW TESTED Test SAT by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO & FLAME SENSOR test SAT		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The secondary LUCO should be repaired and tested. This device must put the boiler into lockout following a low water condition.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*25 Nov 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*11811658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Burton C, HD W510*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Burton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON Army Depot	ANNISTON	AL	36201	Bldg. 381	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	50	1996	1996		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	oil	150			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
HURST	17,250 16/hr	3517	#2		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
AUTO BURNER	150			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST		26. HYDROSTATIC TEST		
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: <i>unk</i> PSI:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

*Type "C" inspection*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*LWCO failed to put the boiler into lockout*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*SAT*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-1/2, 1-2"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 24000	34. CONDITION AND HOW TESTED <i>Test SAT by hand</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR test SAT</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

The secondary LWCO should be repaired and tested. This device must put the boiler into lockout following a low water condition.

45. TYPE OR PRINT NAME OF INSPECTOR

FRED LAWRENCE

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

25 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Burton C, HD, WSI

49. SIGNATURE OF OFFICER IN CHARGE

Thomas Burton C

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg 401	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
1/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	135	1998	1998		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	Oil	250			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
NEBRASKA	80,000 16/hr	NB3650	#1		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
AUTO BURNER	195/200			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST			
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: PSI:	<input type="checkbox"/> Yes <input type="checkbox"/> No Date: PSI:			

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Conditions noted

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE	33. TOTAL CAPACITY	34. CONDITION AND HOW TESTED
	Number: 2-4"	CFM: BTU/HR: LB/HR: 85,477	Test SAT-by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason)		
	SAT		
37. OTHER APPLIANCES	38. CONDITION		
	CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION		
	LWCO & FLAME SENSOR TEST SAT.		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)



**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No RECOMMENDATIONS*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*24 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Burton C, HP WS10*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Burton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION		
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE		
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
ANNISTON Army Depot	ANNISTON	AL	36201	Bldg. 401
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.	
11/24/03	8/8/02			
10. OBJECT		11. PLANT		
<input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel		<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED	
0	140	1999	1999	
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE		
NAT. GAS	oil	250		
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER	
NEBRASKA	80,000 15/HR	NR3652	#2	
19. USE				
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED	
Auto Burner	195/200		<input type="checkbox"/> Yes <input type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST		
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: PSI:	<input type="checkbox"/> Yes <input type="checkbox"/> No Date: PSI:		
STATEMENT OF BASE CIVIL ENGINEER				
27. REPAIRS MADE SINCE LAST INSPECTION				
<input checked="" type="checkbox"/> None <input type="checkbox"/> (Specify)				

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Conditions

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-4"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 86,486	34. CONDITION AND HOW TESTED Test SAT - by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO & FLAME SENSOR Test SAT		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*NO RECOMMENDATIONS*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*24 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Burton C, HD US10*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Burton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External		<input type="checkbox"/> BA	<input type="checkbox"/> VA
		Internal/External with Hydrostatic Test (same day)		<input type="checkbox"/> BB	<input type="checkbox"/> VB
		External Under Operation		<input checked="" type="checkbox"/> BC	<input type="checkbox"/> VC
		External Under Hydrostatic Test		<input type="checkbox"/> BD	<input type="checkbox"/> VD
		Expansion/Receiver Tank or Internal with UT		<input type="checkbox"/> BE	<input type="checkbox"/> VE
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
ANNISTON Army Depot	ANNISTON	AL	36201	Bldg. 401	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	130	1988	1988		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
NAT. GAS	oil	260			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
Cleaver Brooks	40,000 16/hr	AB3650 3462	#3		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input checked="" type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
AUTO BURNER	170/180			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST			
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: UNK PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:			

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

blowdown. Blowdown piping obstructed, boiler would not

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 2-4"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 50,691	34. CONDITION AND HOW TESTED Test SAT, by hand
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LUCCO & FLAME SENSOR test SAT		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

Obstructed blowdown piping indicates that the boiler is not being given adequate blowdowns. The boiler should be removed from service and thoroughly cleaned. Operating personnel should be trained in blowdown procedures.

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred Lawrence*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*24 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Barton C, AD W510*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Barton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION		
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE		
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg. 414
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.	9. CONTRACT NO.	
11/24/03	8/8/02			
10. OBJECT			11. PLANT	
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED	
0	90	1999	1999	
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE		
NAT. GAS	Oil	150		
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER	
BURNHAM	5175 16/hr	25735	#1	
19. USE				
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED	23. PRESSURE GAGE TESTED	
AUTO BURNER	150		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST		
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: N/A PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

No Adverse Conditions noted

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE	33. TOTAL CAPACITY		34. CONDITION AND HOW TESTED
	Number: 1-1/4, 1-1"	CFM:	BTU/HR:	Test SAT by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason)			
	SAT			
37. OTHER APPLIANCES	38. CONDITION			
	CLEAN & CLEAR			
39. REGULATORS AND CONTROLS	40. CONDITION			
	LUCO & FLAME SENSOR test SAT			
41. ASME CODES				

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No Recommendations*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*Fred Lawrence*

45B. DATE OF SIGNATURE

*24 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Dutton C, HPD W510*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Dutton*

50. DATE OF SIGNATURE

*11-25-03*

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION			
		Internal and External		<input type="checkbox"/> BA	<input type="checkbox"/> VA
		Internal/External with Hydrostatic Test (same day)		<input type="checkbox"/> BB	<input type="checkbox"/> VB
		External Under Operation		<input checked="" type="checkbox"/> BC	<input type="checkbox"/> VC
		External Under Hydrostatic Test		<input type="checkbox"/> BD	<input type="checkbox"/> VD
		Expansion/Receiver Tank or Internal with UT		<input type="checkbox"/> BE	<input type="checkbox"/> VE
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.	
Anniston Army Depot	Anniston	AL	36201	Bldg. 418	
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
11/24/03	8/8/02				
10. OBJECT			11. PLANT		
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED		
0	55	1997	1997		
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE			
oil	N/A	150 PSI			
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER		
HURST	1,726 15/hr	NB4167	#1		
19. USE					
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED	
Auto Burner	150 PSI			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST			
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: N/A PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:			

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
 Type "C" inspection

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
 TRI-COCK VALVES NOT INSTALLED  
 SAFETY VALVE DISCHARGE PIPING REQUIRES A DRAIN HOLE  
 NO MANUAL RESET INSTALLED ON LWCO

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

SAT.

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 1-1"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 2,583	34. CONDITION AND HOW TESTED TEST SAT BY HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT.		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LWCO & FLAME SENSOR TEST SAT.		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☐ Yes ☒ No (Explain)



## INSPECTOR STATEMENT

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No

## REMARKS AND RECOMMENDATIONS OF THE INSPECTOR

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

- ASME CSD-1 REQUIRES A MANUAL RESET ON THE SECONDARY LOW WATER FUEL CUT-OUT DEVICE.
- THE TRI-COCK VALVES MUST BE INSTALLED TO MONITOR THE WATER LEVEL IN THE EVENT OF A GAUGE GLASS FAILURE.
- A 1/8" HOLE SHOULD BE DRILLED IN THE SAFETY VALVE DISCHARGE PIPING FOR DRAINAGE.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred LAWRENCE

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

24 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

## ACTION TAKEN ON RECOMMENDATIONS

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Burton C, HP US10

49. SIGNATURE OF OFFICER IN CHARGE

Thomas Burton

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		1. TYPE OF INSPECTION		
		Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE		
2. INSTALLATION	2A. CITY	3. STATE	4. ZIP CODE	5. PLANT OR BLDG.
ANNISTON ARMY DEPOT	ANNISTON	AL	36201	Bldg. 503
6. DATE OF INSPECTION	7. DATE OF LAST INSPECTION	8. DELIVERY ORDER NO.		9. CONTRACT NO.
11/24/03	8/8/02			
10. OBJECT			11. PLANT	
<input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			<input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned	
11A. PRESSURE PREVIOUS INSPECTION	11B. PRESSURE THIS INSPECTION	12A. YEAR BUILT	12B. YEAR INSTALLED	
0	100	1999	1999	
13A. PRIMARY FUEL (Boiler)	13B. SECONDARY FUEL (Boiler)	14. DESIGN WORKING PRESSURE OR TEMPERATURE		
NAT. GAS	oil	150		
15. MANUFACTURER	16. MANUFACTURER'S RATING MBTU / LBS. / HR	17. NATIONAL BOARD NUMBER	18. USAF NUMBER	
HURST	2760 1b/hr	6866	#1	
19. USE				
<input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)				
20. METHOD OF FIRING (Boilers)	21. SAFETY/RELIEF VALVES SETTING	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED
AUTO BURNER	150			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
24. PURPOSE OF HYDROSTATIC TEST	25. LAST HYDROSTATIC TEST	26. HYDROSTATIC TEST		
<input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair	Date: unk PSI:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:		

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION  
☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)  
 TYPE "C" INSPECTION

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)  
 SAFETY VALVE DISCHARGE PIPING REQUIRES DRAIN

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

Good

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: 1-2"	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: 10,808	34. CONDITION AND HOW TESTED TEST SAT - by HAND
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) SAT		
37. OTHER APPLIANCES	38. CONDITION CLEAN & CLEAR		
39. REGULATORS AND CONTROLS	40. CONDITION LUCO & FLAME SENSOR		

41. ASME CODES  
 Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)  
 AF1222 REV 2/02

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)

☐ Yes ☒ No**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

A 1/8" hole should be drilled in the safety valve discharge piping for drainage.

45. TYPE OR PRINT NAME OF INSPECTOR

Fred Lawrence

45A. SIGNATURE OF INSPECTOR

Fred Lawrence

45B. DATE OF SIGNATURE

24 Nov. 2003

45C. INSPECTOR'S NATIONAL BOARD NO.

NB 11658

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

Thomas Dutton C, HP W510

49. SIGNATURE OF OFFICER IN CHARGE

Thomas Dutton

50. DATE OF SIGNATURE

11-25-03

# BOILER OR PRESSURE VESSEL INSPECTION REPORT

HSBCT CONTRACT NUMBER		<b>1. TYPE OF INSPECTION</b> Internal and External <input type="checkbox"/> BA <input type="checkbox"/> VA Internal/External with Hydrostatic Test (same day) <input type="checkbox"/> BB <input type="checkbox"/> VB External Under Operation <input checked="" type="checkbox"/> BC <input type="checkbox"/> VC External Under Hydrostatic Test <input type="checkbox"/> BD <input type="checkbox"/> VD Expansion/Receiver Tank or Internal with UT <input type="checkbox"/> BE <input type="checkbox"/> VE			
2. INSTALLATION <i>ANNISTON ARMY DEPOT</i>	2A. CITY <i>ANNISTON</i>	3. STATE <i>AL</i>	4. ZIP CODE <i>36201</i>	5. PLANT OR BLDG. <i>Bldg. 647</i>	
6. DATE OF INSPECTION <i>11/24/03</i>	7. DATE OF LAST INSPECTION <i>8/8/02</i>	8. DELIVERY ORDER NO.		9. CONTRACT NO.	
10. OBJECT <input checked="" type="checkbox"/> Fire Tube <input type="checkbox"/> Cast Iron <input type="checkbox"/> Water Tube <input type="checkbox"/> Expansion Tank <input type="checkbox"/> Pressure Vessel			11. PLANT <input type="checkbox"/> Manned <input checked="" type="checkbox"/> Unmanned		
11A. PRESSURE PREVIOUS INSPECTION <i>0</i>	11B. PRESSURE THIS INSPECTION <i>90</i>	12A. YEAR BUILT <i>1982</i>	12B. YEAR INSTALLED <i>1982</i>		
13A. PRIMARY FUEL (Boiler) <i>ALAT. GAS</i>	13B. SECONDARY FUEL (Boiler) <i>oil</i>	14. DESIGN WORKING PRESSURE OR TEMPERATURE <i>150</i>			
15. MANUFACTURER <i>CLAUVER BROOKS</i>	16. MANUFACTURER'S RATING MBTU / LBS. / HR <i>5,021 16/hr</i>	17. NATIONAL BOARD NUMBER <i>53476</i>	18. USAF NUMBER <i>#1</i>		
19. USE <input type="checkbox"/> Power <input checked="" type="checkbox"/> Steam Heating <input type="checkbox"/> Process <input type="checkbox"/> Storage <input type="checkbox"/> HTHW Heating <input type="checkbox"/> Heat Exchange <input type="checkbox"/> Other (Specify)					
20. METHOD OF FIRING (Boilers) <i>AUTO BURNER</i>	21. SAFETY/RELIEF VALVES SETTING <i>150</i>	22. EXPLAIN IF PRESSURE CHANGED		23. PRESSURE GAGE TESTED <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
24. PURPOSE OF HYDROSTATIC TEST <input type="checkbox"/> New <input type="checkbox"/> Retest <input type="checkbox"/> Repair		25. LAST HYDROSTATIC TEST Date: <i>UNK</i> PSI:		26. HYDROSTATIC TEST <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: PSI:	

## STATEMENT OF BASE CIVIL ENGINEER

27. REPAIRS MADE SINCE LAST INSPECTION

☒ None ☐ Other (Specify)

## INTERNAL INSPECTION

28. DESCRIBE INSPECTION FULLY (State location of any damage or deposits, i.e., scale, grease, oil, etc.; any corrosion, pitting, grooving, cracking or lamination; any evidence of overheating, broken or loose items, etc.)

*TYPE C INSPECTION*

## EXTERNAL INSPECTION

29. CONDITION OF BOILERS, VESSELS AND PLANT (Describe fully and state location of any corrosion, leakages, evidence of overheating, soot or other destructive accumulations, or safety or ASME/NB violations, etc.)

*NO ADVERSE CONDITIONS*

30. SETTINGS, LININGS, SUPPORTS AND BAFFLES

*SAT*

## INSPECTION OF SAFETY DEVICE

31. SAFETY/RELIEF VALVES	32. SIZE Number: <i>1-1/2, 1-1/4</i>	33. TOTAL CAPACITY CFM: BTU/HR: LB/HR: <i>10,869</i>	34. CONDITION AND HOW TESTED <i>TEST SAT by HAND</i>
35. PRESSURE GAGES	36. CORRECTION TAKEN (If none give reason) <i>SAT</i>		
37. OTHER APPLIANCES	38. CONDITION <i>CLEAN &amp; CLEAR</i>		
39. REGULATORS AND CONTROLS	40. CONDITION <i>LWCO &amp; FLAME SENSOR TEST SAT</i>		
41. ASME CODES			

Does plant comply with code, welding, materials, configuration, etc? ☒ Yes ☐ No (Explain)

**INSPECTOR STATEMENT**

42. WAS BOILER OR VESSEL PREPARED FOR THOROUGH EXAMINATION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)  
☒ Yes ☐ No

43. WAS BOILER OR VESSEL ENTERED FOR THE INSPECTION (If NO, state what was not and why in Remarks and Recommendations of Inspector.)  
☐ Yes ☒ No

**REMARKS AND RECOMMENDATIONS OF THE INSPECTOR**

44. LIST ALL DEFICIENCIES TO BE CORRECTED OR REPAIRED (Use a continuation sheet if necessary.)

*No recommendations*

45. TYPE OR PRINT NAME OF INSPECTOR

*Fred LAWRENCE*

45A. SIGNATURE OF INSPECTOR

*F. Lawrence*

45B. DATE OF SIGNATURE

*25 Nov. 2003*

45C. INSPECTOR'S NATIONAL BOARD NO.

*NB 11658*

46. PRINT NAME AND TITLE OF REPRESENTATIVE ACCOMPANYING INSPECTOR

46A. SIGNATURE

46B. DATE OF SIGNATURE

46C. REPRESENTATIVE'S TELEPHONE NUMBER

**ACTION TAKEN ON RECOMMENDATIONS**

47. DATE AND ACTION TAKEN OR TO BE TAKEN

48. TYPE OR PRINT NAME, TITLE AND GRADE OF OFFICER IN CHARGE

*Thomas Burton GHD W510*

49. SIGNATURE OF OFFICER IN CHARGE

*Thomas Burton*

50. DATE OF SIGNATURE

*11-25-03*